GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

STARRED QUESTION NO:170
ANSWERED ON:09.03.2016
Automatic Weather Stations
Reddy Shri Konda Vishweshwar

Will the Minister of EARTH SCIENCES be pleased to state:

(a) the number of the Automatic Weather Stations (AWS) in the country, location wise and the number of AWS operational along with the details of those likely to be installed, location-wise;

(b) the number of farmers and fishermen who presently receive the data on their mobiles generated by AWS;

(c) whether the Kisan Vigyan Kendras are equipped to do ground proofing and ground validating of the data collected by AWS in their block/districts; and

(d) if so, the details thereof?

Answer

THE MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(DR. HARSH VARDHAN)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT LAID ON THE TABLE OF THE LOK SABHA IN REPLY (a) to (d) TO STARRED QUESTION NO. *170 REGARDING "AUTOMETIC WEATHER STATION" TO BE ANSWERED ON WEDNESDAY, MARCH 09, 2016

(a) The total number of Automatic Weather Stations (AWS) installed in the country are 706. The details of stations is in Annexure-1.

Augmentation of the observing system networks including AWS network is a continuing process that shall be taken up as per the emerging needs from time to time.

(b) Forecast products and crop specific advisories generated based on all observations including AWS data are communicated to farmers on mobile. Fishermen on the other hand, received information about the potential fishing zone (PFZ) advisory and associated ocean state forecast for maximising the fishing catch. At present, 11.5 million farmers are directly receiving the messages under Gramin Krishi Mausam Seva (GKMS). Out of 11 lakh fishermen community receiving PFZ bulletins currently, 21,466 fishermen directly receive on their mobile. Hourly AWS data are made available in general on departmental website (www.imdaws.gov.in) under the sub-link: http://imdaws.com/ViewAwsData.aspx.

(c)-(d) No Madam. Out of the 706 AWSs, 129 Agro- AWS are installed at Agromet field units located at various agricultural research stations in each of agro-climatic zones (having clusters of districts in each such zone). Quality control, Calibration and Utilization of AWS data for forecasting and assimilation of AWS data is carried out on continuous basis for use in meso-scale forecast models.